

associating an index with said at least one stroke, said at least one stroke including an index to said at least one property block.

8. The method according to claim 7, further comprising the steps of:

ordering said at least one stroke with other strokes and said index so as to minimize the size of said data structure.

9. A method for reading a data structure comprising the steps of:

reading a data structure;

determining if said data structure includes an index;

associating a property block referenced by said index with an item.

10. The method according to claim 9, wherein said item is an ink stroke.

11. The method according to claim 9, further comprising the steps of:

associating a default property with another item.

12. A system for creating a data structure comprising:

a processor; and,

a storage,

said processor organizing an input item with a property and storing said input item with said property in a data structure in said storage.

13. The system according to claim 12, wherein said data structure contains an index and a property block.

14. A system for reading a data structure comprising:

a storage having said data structure, said data structure including an item, a property stored in a property block and an index;

a processor; and

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an output for outputting said item with said property,

wherein said processor associates said item and said property through the reference to
said property block by said index.

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